Message

From: Larry Ladd Ex. 6 Personal Privacy (PP)
Sent: 6/1/2018 10:54:54 PM
To: amacdonald@waterboards.ca.gov; Keller, Lynn [Keller.Lynn@epa.gov]; ROJAS-MICKELSON, DAEWON [rojas-mickelson.daewon@epa.gov]; Peter MacNicholl [Peter.MacNicholl@dtsc.ca.gov]; Pratibha Shalini Ex. 6 Personal Privacy (PP) Chris Fennessy [christopher.fennessy@aerojet.com]; Barbara Leary Ex. 6 Personal Privacy (PP) ennifer Lane [Jenslucy@sbcglobal.net]; janis [jheple@ucde.ucdavis.edu]; Allen Tsao Ex. 6 Personal Privacy (PP) mmy Spearow Ex. 6 Personal Privacy (PP) Ken Green Ex. 6 Personal Privacy (PP) Muriel Brounstein Ex. 6 Personal Privacy (PP) Stephen Green [gsg444@sbcglobal.net]; Ernie Sheldon Ex. 6 Personal Privacy (PP)
CC: lladd@ Ex. 6 Personal Privacy (PP)
Subject: Neutron bombardment of carbon vs. boron at Area 40

Alex Macdonald, Central Valley Regional Water Quality Board

Am I correct, Alex, in assuming that neutron bombardment of boron fiber will produce a higher carbon 14/nitrogen 15 ratio https://en.m.wikipedia.org/wiki/Nitrogen-15_tracing than neutron bombardment of the carbon and nitrogen in solid rocket fuel? Also from burnt ammonium perchlorate you would have some metallic aluminum spherical residue present, and if those aluminum spheres had been bombarded with neutrons, then more stable silicon 29 and 30 and some radioactive silicon 32 would also be generated?

Would you recommend USGS in Menlo Park https://wwwrcamnl.wr.usgs.gov/isoig/res/funda.html as a good resource for evaluating a soil isotope analysis?

Thanks,

Larry Ladd